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110W Universal Industrial Series

PSA-110 Quad Output L-Bracket

LVD

Features

- Integral EMI filter
- Cover Available
- Low profile design
- Over voltage protection

Applications

- Network hubs
- Computer peripherals
- Low profile racks
- Business machines

Safety Approvals

- UL 1950 [E127643]
- CSA 22.2 234, [LR56927-115]
- TUV EN 60950 IEC 950 [R9371674]

Mechanical Characteristics

Dimensions:
- Length: 172.7mm (6.81in.)
- Width: 93.5mm (3.7in)
- Height: 43.6mm (1.7in)
- Weight: 0.72kgm (1.6lb)

Output Specifications

Model	DC Output Voltage	Load Min.	Load Convection	Load 30cfm	Load Peak	Ripple (1) P-P	Total Tolerance
PSA-110-401	+5V	2A	7A	9A		50mV	+2%
	+12V	1A	3A	3.5A	5A	100mV	+6%
	-5V	0A	0.5A	0.75A	1A	100mV	+6%
	-12V	0A	0.5A	0.75A	1A	100mV	+6%
PSA-110-402	+5V	2A	7A	9A		50mV	+2%
	+12V	1A	3A	3.5A	5A	100mV	+6%
	+12V	0A	0.5A	0.75A	1A	100mV	+6%
	-12V	0A	0.5A	0.75A	1A	100mV	+6%
PSA-110-403	+5V	2A	7A	9A		50mV	+2%
	+12V	0A	0.5A	0.75A	1A	100mV	+6%
	+24V	0.5A	1A	1.75A	2.5A	240mV	+6%
	-12V	0A	0.5A	0.75A	1A	100mV	+6%

(1) Measured by using a 12 inch twisted pair terminated with a 10mfd capacitor and 0.1mfd ceramic capacitor in parallel with primary and secondary ground holes connected together.

(2) Maximum continuous output power shall not exceed 80 watts convection or 110 watts fan cooled.

PI-ING

ISO 9001 · BABT · MITI
Facility Approvals

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Characteristics

AC input Voltage
90VAC-264VAC

AC Frequency
47 to 63Hz

AC Input Current
3A maximum (115V)
1.5A maximum (230V)

AC Leakage Current (Cold)
0.75mA (max.)
(240VAC, 50Hz)

AC Inrush Current
25A at 115VAC
50A at 240VAC

Efficiency
70% typical at full load, 120VAC

Hold-up Time
16msec. at full load, 120VAC

Switching Frequency
50KHz, typical

Overvoltage Protection
5.5 to 6.5V (+5 Output)

Overcurrent Protection
Short circuit protected
Auto-Restart

Operation Temperature
0 to +50˚C

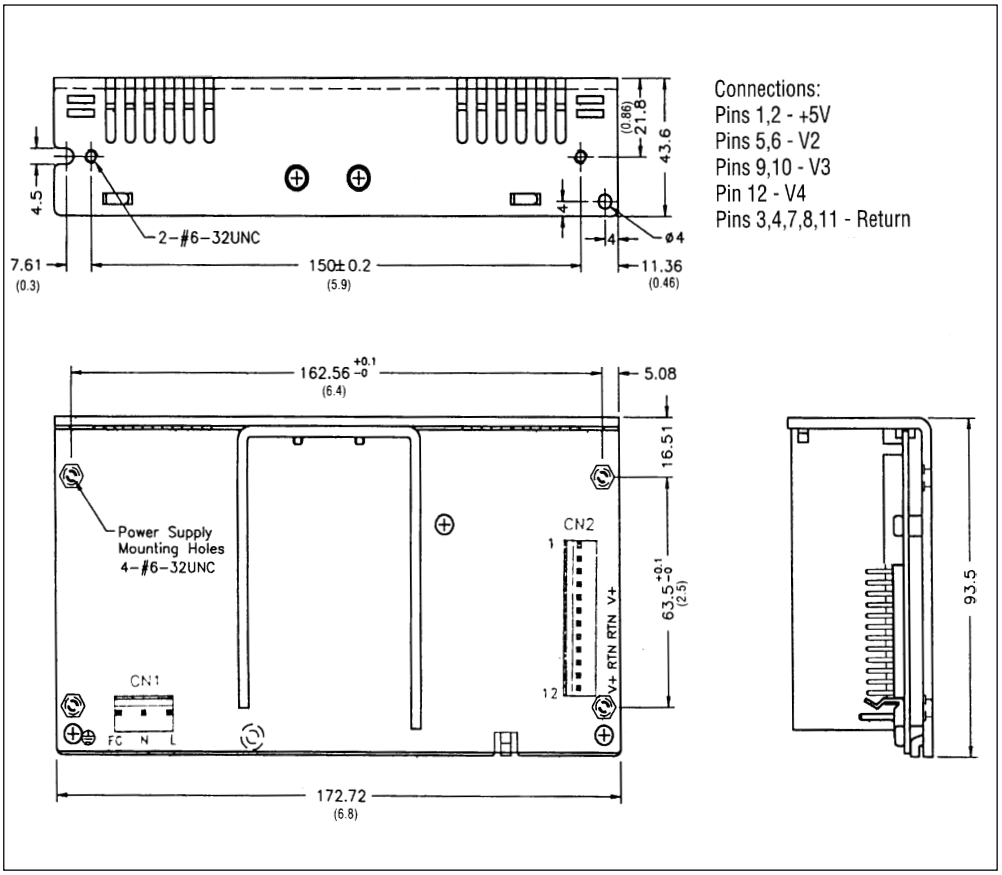
Storage Temperature
-40 to +85˚C

MTBF
Calculated
Greater than 100,000 hours, full load, 25˚C
(MIL-HDBK-217)

EMI
FCC Class A
VDE 0871 Class A
(Class B available)

Mating Connectors
AC: Molex 09-50-3051
DC: Molex 09-50-3121

Dimension Diagram Unit: mm (inch)



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